

## IN THE UNITED STATES RECEIVING OFFICE

Applicant : Martin Behringer et al.  
Serial No. : 09/787,186  
Filed : March 15, 2001  
Title : SEMICONDUCTOR COMPONENT CONTAINING LATTICE MISMATCHED  
SEMICONDUCTOR MATERIALS

**BOX PCT**

Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

Responsive to the Notification of Missing Requirements under 35 U.S.C. 371  
mailed April 17, 2001, Applicant as a large entity submits herewith the following:

- ☒ Payment of the surcharge of \$130 for late filing of the basic filing fee and/or declaration.
- ☒ A Combined Declaration and Power of Attorney in compliance with 37 CFR §1.63;
- ☒ A verified English translation of the application and payment of the \$130.00 fee required under 37 CFR §1.492(f);
- ☒ A verified English translation of the Addendum to International Preliminary Search Report; and
- ☒ A verified English translation Supplemental Sheet of claims.

05/21/2001 LLANDGRA 00000071 09787186

01 FC:154 130.00 OP  
02 FC:156 130.00 OP

## CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL228034013US

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

May 17, 2001  
Date of Deposit

Jennifer Uweille  
Signature

Jennifer Uweille  
Typed or Printed Name of Person Signing Certificate

Applicant : Martin Behringer et al  
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Attorney's Docket No.: 11-018001 / 1999 P8100 US  
N

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

May 17, 2001

William E. Booth

William E. Booth  
Reg. No. 28,933

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

09/787186

U.S. APPLICATION NO. 5071

BEHRINGER FIRST NAMED APPLICANT

ATTY. DOCKET NO. 12406-018001

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: ASSISTANT COMMISSIONER FOR PATENTS  
Box PCT  
Washington, D.C. 20231

WILLIAM E BOOTH  
FISH & RICHARDSON  
225 FRANKLIN STREET  
BOSTON MA 02110 2804

INTERNATIONAL APPLICATION NO. 12406-018001

LA. FILING DATE 09/08/99 PRIORITY DATE 09/15/98

DATE MAILED: 04/17/01

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☐ a Designated Office (37 CFR 1.494),  
☒ an Elected Office (37 CFR 1.495):

- ☒ U.S. Basic National Fee.  
☒ Copy of the international application in:  
☒ a non-English language.  
☐ English.

- ☐ Translation of the international application into English.  
☐ Oath or Declaration of inventor(s) for DO/EO/US.  
☐ Copy of Article 19 amendments.  
☐ Translation of Article 19 amendments into English.

- ☒ The International Preliminary Examination Report in English and its Annexes, if any, and the International Preliminary Examination Report into English.

- ☐ Preliminary amendment(s) filed  
☒ Information Disclosure Statement(s) filed 15 March 2001

- ☐ Assignment document.  
☐ Power of Attorney and/or Change of Address.  
☐ Substitute specification filed  
☐ Statement Claiming Small Entity Status.

- ☒ Priority Document.

- ☒ Copy of the International Search Report and copies of the references cited therein.

- ☐ Other: None

2. The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☒ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.

☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.

- ☒ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).

- ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.

☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.

- ☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☐ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes MUST be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.

5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to this address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice MUST be returned with this response.**

Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

Patricia Parker  
Telephone: (703) 305-3738

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APR 20 2001

FISH & RICHARDSON, P.C.  
BOSTON OFFICE

Classified By Practice Systems  
Action Code: Missing Requirements  
Base Date: 4-17-01  
Due Date: 5-17-01  
Deadline: 10-17-01  
Initial: JMG

# Transtek Associates, Inc.



March 23, 2001

This is a true and accurate translation, to the best of our knowledge and ability, of the German document, (Transtek Document No. GE0313B), submitted to Transtek Associates, Inc. for translation into English.

A handwritten signature in cursive script, reading "Michele Phillips", written over a horizontal line.

TRANSTEK ASSOCIATES, INC.

Michele Phillips, President